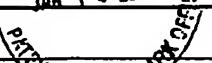


"Official"

JAN 16 2005



**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail on the date indicated below in an envelope addressed to Commissioner for Patents; P.O. Box 1450; Alexandria, VA 22313-1450, or facsimile transmitted to the Commissioner for Patents.

Name (Print/Type)	Rose A. Lubrich	Fax # (if faxed)	
Signature	<i>Rose A. Lubrich</i>	Date	January 11, 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/628,187 Confirmation No. 6096  
Applicant : Carl N. Zenz et al.  
Filed : July 28, 2003  
TC/A.U. : 3739  
Examiner : Henry M. Johnson III  
  
Docket No. : 108154  
Customer No. : 23490

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TERMINAL DISCLAIMER TO OBLVIAE A DOUBLE PATENTING  
REJECTION OVER A PRIOR PATENT**

Sir:

I, John G. Tolomei, residing at Lake Zurich, Illinois, represent that I am a representative authorized to sign on behalf of the assignee identified below owning all of the interest in the above-identified application.

**Identity of Assignee and Title of Disclaimant**

The assignee is UOP LLC  
whose address is 25 East Algonquin Road  
P.O. Box 5017  
Des Plaines, IL 60017-5017

Disclaimant is an Assistant Secretary - Patent Matters of UOP LLC and is authorized to sign on behalf of assignee.

110.00 US

01/16/2005 ZJHAR1 00000030 10628187

01 FC1999

02/07/2005 EDITION 00000005 10628187

01 FC1814

130.00 EP

1814 \$130

in the event that any such patent or application later expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321(a), has all claims cancelled by a reexamination certificate, or is otherwise terminated prior to expiration of its statutory term as presently shortened by any terminal disclaimer, except for the separation of legal title stated above.

**Fee Payment**

A fee transmittal form as well as authorization for credit card payment of the terminal disclaimer fee, are attached.

Respectfully submitted,

UOP LLC

Date: 4/11/05

By: John G. Tolomei  
John G. Tolomei  
Assistant Secretary - Patent Matters  
Registration No. 30,809

Arthur E. Gooding, Reg. No. 50,513  
Attorney for Applicants  
(847) 391-1520 (phone)  
(847) 391-2387 (fax)

AEG/mml

JAN 11 2005  
PTO & TRADEMARK  
FEE TRANSMITTAL  
For FY 2005

Effective on 12/08/2004.  
Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4816).

		Complete If Known	
		Application Number	10/628,187
		Filing Date	July 28, 2003
		First Named Inventor	Carl N. Zenz et al.
		Examiner Name	Henry M. Johnson III
		Art Unit	3739
		Attorney Docket No.	108154

**METHOD OF PAYMENT (check all that apply)**

<input type="checkbox"/> Check	<input checked="" type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> None	<input type="checkbox"/> Other (please identify): _____
<input type="checkbox"/> Deposit Account		Deposit Account Number: _____		Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fee Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	0
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

Small Entity  
Fee (\$)  
Fee (\$)50  
25

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

200  
100

Multiple dependent claims

360  
180Total Claims      Extra Claims      Fee (\$)  
- 20 or HP =      x      =Multiple Dependent Claims  
Fee (\$)  
Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20

Indep. Claims      Extra Claims      Fee (\$)  
- 3 or HP =      x      =

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets      Extra Sheets      Number of each additional 50 or fraction thereof  
- 100 =      / 50 =      (round up to a whole number) x

Fee Paid (\$)

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Fee Code 1814 Statutory Disclaimer

110.00

**SUBMITTED BY**

Signature	Arthur E. Gooding	Registration No. 50,513 (Attorney/Agent)	Telephone 847-391-1520
Name (Print/Type)	Arthur E. Gooding	Date Jan 11, 2005	

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.